

CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

GRACE I. BELLAND LIVING TRUST, hereby certifies as follows:  
(Print Name)

1. To the best of my knowledge, the following are all my transactions in Sonus Networks, Inc. during the period from June 3, 2003 through February 11, 2004 (the "Class Period"):

<u>Date</u>	<u>Purchased or Sold</u>	<u>No. of Shares</u>	<u>Price per Share</u>
10/9/03	3,290	3,290	\$ 9.145
10/9/03	1,410	1,410	\$ 9.15
10/9/03	1,300	1,300	\$ 9.14980
	<u>6,000</u>		

2. I have reviewed the complaint styled Robert Conte, et al. v. Sonus Networks, Inc., et al. If necessary, I authorize the filing of a similar complaint on my behalf.

3. I did not purchase or acquire the securities that are the subject of this action at the direction of counsel or in order to participate in this private action.

4. I am willing to serve as a representative party on behalf of the class, including providing testimony at deposition and trial, if necessary. I understand that the litigation is not settled, this is not a claim form, and sharing in any recovery is not dependent upon execution of this Certification.

5. During the last three years, I have not served or sought to serve as a class representative in any case brought under the federal securities laws.

6. I have not been promised and will not accept any payment for serving as a representative party on behalf of the class beyond my pro rata share of any recovery, except as ordered or approved by the court, including any award for reasonable costs and expenses (including lost wages) directly relating to the representation of the class.

I hereby certify under penalty of perjury that the foregoing is true and correct.

Dated: March 23, 2004

Grace I. Belland Trust  
(Signature)

To join the Action as Lead plaintiff, complete the following Certification, sign it, and fax or mail it to:

<b>Rabin, Murray &amp; Frank LLP</b>	Fax:	(212) 682-1892
275 Madison Avenue	Tel:	(212) 682-1818
New York, NY 10016	Tel:	(800) 497-8076

**CERTIFICATION**

I, LEOPOLDO C. MESTRE, do hereby certify that:

I have reviewed the complaint and have authorized its filing.

I purchased securities of SONUS NETWORK, which are the subject of the complaint, *but not* at the direction of my counsel or in order to participate in any private action arising under the Securities Act of 1933 or Securities Exchange Act of 1934, as amended by the Private Securities Litigation Reform Act of 1995.

I am willing to serve as a representative party on behalf of a class, including providing testimony at deposition and trial, if necessary.

During the Class Period, I engaged in the following transactions involving the securities of SONUS NETWORK:

**TRANSACTION INFORMATION**

<u>BUY OR SELL</u>	<u>TRADE DATE</u>	<u>NO. OF SHARES</u>	<u>PRICE PER SHARE</u>
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YES / NO (Circle One). In the three years prior to this certification, I have applied to serve or served as a representative party on behalf of a class in an action brought under the federal securities laws. If YES, please enter the case name(s) here:

I will not accept any payment for serving as a representative party on behalf of the Class beyond my pro rata share of any recovery, except such reasonable costs and expenses (including lost wages) directly relating to the representation of the Class and my activities in the lawsuit, as ordered or approved by the Court.

Nothing herein shall be construed to be or constitute a waiver of my attorney-client privilege.

I certify under penalty of perjury that the foregoing is true and correct.

Executed on 03/08/2004.

Signature Leopoldo C. Mestre  
 Address 8845 NW 149 Terrace  
Miami Lakes, FL 33018  
 County Miami - Dade  
 Phone (305) 826-8092 - (305) 333-5113

## CERTIFICATION FORM ATTACHMENT

<u>TRANSACTION (BUY OR SELL)</u>	<u>TRADE DATE</u>	<u>NO. OF SHARES</u>	<u>PRICE PER SHARE</u>
Purchase	2/2/2004	500	8.8200
Purchase	2/2/2004	1,000	8.8200
Purchase	2/2/2004	200	8.6700
Purchase	2/2/2004	100	8.6700
Purchase	2/2/2004	500	8.6700
Purchase	2/2/2004	300	8.6800
Purchase	2/2/2004	100	8.6800
Sold	2/3/2004	-2,700	8.3700
Purchase	2/3/2004	2,800	8.3800
Sold	2/4/2004	-2,800	8.2700
Purchase	2/4/2004	2,750	8.4300
Sold	2/6/2004	-500	8.2800
Sold	2/6/2004	-1,100	8.2800
Sold	2/6/2004	-100	8.2800
Sold	2/6/2004	-100	8.2800
Sold	2/6/2004	-950	8.2700
Purchase	2/6/2004	300	8.2600
Purchase	2/6/2004	2,450	8.2800
Purchase	2/10/2004	1,000	7.6800
Purchase	2/10/2004	300	7.6800
Purchase	2/10/2004	950	7.6800
Sold	2/11/2004	-300	7.5500
Sold	2/11/2004	-100	7.5500
Sold	2/11/2004	-500	7.5500
Sold	2/11/2004	-200	7.5500
Sold	2/11/2004	-100	7.5500
Sold	2/11/2004	-100	7.5500
Sold	2/11/2004	-100	7.5500
Sold	2/11/2004	-100	7.5400
Sold	2/11/2004	-100	7.5400
Sold	2/11/2004	-100	7.5400
Sold	2/11/2004	-100	7.5400
Sold	2/11/2004	-100	7.5400
Sold	2/11/2004	-100	7.5400
Sold	2/11/2004	-200	7.5400
Sold	2/11/2004	-200	7.5420
Sold	2/11/2004	-200	7.5410
Sold	2/11/2004	-120	7.5400
Sold	2/11/2004	-2,180	7.5400
Purchase	2/11/2004	1,000	7.6500
Purchase	2/11/2004	500	7.6500
Purchase	2/11/2004	300	7.6500

Purchase	2/11/2004	200	7.6500
Purchase	2/11/2004	131	7.6500
Purchase	2/11/2004	300	7.6500
Purchase	2/11/2004	300	7.6500
Purchase	2/11/2004	200	7.6500
Purchase	2/11/2004	300	7.6500
Purchase	2/11/2004	69	7.6500
Purchase	2/11/2004	700	7.6500
Sold	2/13/2004	-4,000	7.5800
Purchase	2/13/2004	500	7.5300
Purchase	2/13/2004	100	7.5300
Purchase	2/13/2004	100	7.5300
Purchase	2/13/2004	100	7.5300
Purchase	2/13/2004	100	7.5300
Purchase	2/13/2004	1000	7.52
Purchase	2/13/2004	2150	7.52
Purchase	2/13/2004	2000	7.37
Sold	2/17/2004	-5100	7.49
Sold	2/17/2004	-1050	7.48
Sold	2/17/2004	-3600	6.92
Sold	2/17/2004	-5700	6.36
Purchase	2/17/2004	2100	7.3
Purchase	2/17/2004	1500	7.29
Purchase	2/17/2004	5700	6.78
Purchase	2/17/2004	5000	6.49
Sold	2/18/2004	-200	5.4
Sold	2/18/2004	-365	5.4
Sold	2/18/2004	-1000	5.4
Sold	2/18/2004	-1150	5.4
Sold	2/18/2004	-800	5.38
Sold	2/18/2004	-200	5.36
Sold	2/18/2004	-100	5.39
Sold	2/18/2004	-1185	5.39
Sold	2/19/2004	-500	5.7
Sold	2/19/2004	-750	5.7
Sold	2/19/2004	-850	5.7
Sold	2/19/2004	-265	5.7
Sold	2/19/2004	-1000	5.7
Sold	2/19/2004	-135	5.7
Sold	2/19/2004	-1000	5.7
Sold	2/19/2004	-400	5.7
Sold	2/19/2004	-100	5.7
Sold	2/19/2004	-200	5.69
Sold	2/19/2004	-718	5.68
Sold	2/19/2004	-400	5.68
Sold	2/19/2004	-100	5.68
Sold	2/19/2004	-500	5.68
Sold	2/19/2004	-500	5.68

Sold	2/19/2004	-500	5.68
Sold	2/19/2004	-400	5.68
Sold	2/19/2004	-500	5.682
Sold	2/19/2004	-500	5.681
Sold	2/19/2004	-1000	5.681
Sold	2/19/2004	-682	5.68
Purchase	2/19/2004	600	5.61
Purchase	2/19/2004	800	5.61
Purchase	2/19/2004	3600	5.59
Purchase	2/19/2004	1800	5.62
Purchase	2/19/2004	200	5.62
Purchase	2/19/2004	500	5.62
Purchase	2/19/2004	2800	5.62
Purchase	2/19/2004	200	5.62
Purchase	2/19/2004	500	5.62
Sold	1/29/2004	-3300	8.28
Purchase	1/29/2004	3300	8.25
Sold	1/30/2004	-3300	8.35
Purchase	1/30/2004	300	8.42
Purchase	1/30/2004	3000	8.43
Sold	2/5/2004	-78	8.39
Sold	2/2/2004	-100	8.4
Sold	2/2/2004	-2100	8.405
Sold	2/2/2004	-200	8.406
Sold	2/2/2004	-722	8.41
Sold	2/2/2004	-100	8.42
Purchase	2/2/2004	3300	8.39
Sold	2/2/2004	-3300	7.7
Purchase	2/5/2004	3300	7.68
Sold	2/5/2004	-3300	7.62
Purchase	2/6/2004	1100	7.55
Purchase	2/8/2004	2200	7.56
Sold	2/6/2004	-1600	7.73
Sold	2/6/2004	-1400	7.74
Sold	2/6/2004	-300	7.75
Purchase	2/6/2004	200	7.698
Purchase	2/6/2004	3140	7.7
Sold	2/9/2004	-3340	7.83
Purchase	2/9/2004	2164	7.71
Purchase	2/9/2004	1176	7.72
Sold	2/10/2004	-3340	7.45
Purchase	2/10/2004	3350	7.48
Sold	2/11/2004	-3350	7.5
Purchase	2/11/2004	3400	7.38
Sold	2/11/2004	-3400	7.07
Purchase	2/11/2004	2,600	7.0900
Purchase	2/11/2004	700	7.0900
Sold	2/11/2004	-3,300	6.4300
Purchase	2/11/2004	2,500	6.5600

Sold	2/13/2004	-2,500	5.5200
Purchase	2/13/2004	1,200	5.6000
Sold	2/13/2004	-700	5.7300
Sold	2/13/2004	-500	5.7400
Purchase	2/17/2004	5,000	6.2400
Sold	2/17/2004	-2,632	6.1100
Sold	2/17/2004	-2,368	6.1200
Purchase	2/17/2004	2,500	5.9600
Purchase	2/18/2004	2,500	5.7600
Sold	2/19/2004	-700	5.8000
Sold	2/19/2004	-4,300	5.8100
Sold	2/20/2004	-3,000	5.6100
Purchase	2/20/2004	246	5.4410
Purchase	2/20/2004	300	5.4500
Purchase	2/20/2004	954	5.4600
Sold	2/23/2004	-1,500	5.5500
Purchase	1/20/2004	600	8.0100
Purchase	1/20/2004	100	8.0100
Purchase	1/20/2004	1,300	8.0200
Purchase	1/21/2004	900	7.9000
Sold	1/22/2004	-1,500	8.2300
Sold	1/22/2004	-1,400	8.2900
Sold	1/29/2004	-500	9.1400
Sold	1/29/2004	-400	9.1400
Sold	1/29/2004	-1,100	9.1400
Purchase	1/29/2004	2,000	9.0700

CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

JACOB I. SHERMAN IRA, hereby certifies as follows:  
(Print Name)

1. To the best of my knowledge, the following are all my transactions in Sonus Networks, Inc. during the period from June 3, 2003 through February 11, 2004 (the "Class Period"):

Date	Purchased or Sold	No. of Shares	Price per Share
1/8/04	PURCHASED	600	7.97
1/13/04	V V	300	7.98

2. I have reviewed the complaint styled Robert Conte, et al. v. Sonus Networks, Inc., et al. If necessary, I authorize the filing of a similar complaint on my behalf.

3. I did not purchase or acquire the securities that are the subject of this action at the direction of counsel or in order to participate in this private action.

4. I am willing to serve as a representative party on behalf of the class, including providing testimony at deposition and trial, if necessary. I understand that the litigation is not settled, this is not a claim form, and sharing in any recovery is not dependent upon execution of this Certification.

5. During the last three years, I have not served or sought to serve as a class representative in any case brought under the federal securities laws.

6. I have not been promised and will not accept any payment for serving as a representative party on behalf of the class beyond my pro rata share of any recovery, except as ordered or approved by the court, including any award for reasonable costs and expenses (including lost wages) directly relating to the representation of the class.

I hereby certify under penalty of perjury that the foregoing is true and correct.

Dated: MARCH 25, 2004

Jacob Sherman  
(Signature)



CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

Loitman Children's Irrev. Trust, hereby certifies as follows:  
(Print Name)

1. To the best of my knowledge, the following are all my transactions in Sonus Networks, Inc. during the period from June 3, 2003 through February 11, 2004 (the "Class Period"):

<u>Date</u>	<u>Purchased or Sold</u>	<u>No. of Shares</u>	<u>Price per Share</u>
1/8/04	PURCHASED	400	7.97

2. I have reviewed the complaint styled Robert Conte, et al. v. Sonus Networks, Inc., et al. If necessary, I authorize the filing of a similar complaint on my behalf.

3. I did not purchase or acquire the securities that are the subject of this action at the direction of counsel or in order to participate in this private action.

4. I am willing to serve as a representative party on behalf of the class, including providing testimony at deposition and trial, if necessary. I understand that the litigation is not settled, this is not a claim form, and sharing in any recovery is not dependent upon execution of this Certification.

5. During the last three years, I have not served or sought to serve as a class representative in any case brought under the federal securities laws.

6. I have not been promised and will not accept any payment for serving as a representative party on behalf of the class beyond my pro rata share of any recovery, except as ordered or approved by the court, including any award for reasonable costs and expenses (including lost wages) directly relating to the representation of the class.

I hereby certify under penalty of perjury that the foregoing is true and correct.

Dated: MARCH 25, 2004

Loitman Children's Irrev Trust  
(Signature)

*by Jacob Sherman, Trustee*

[REDACTED]  
Mr. Jacob Sherman  
25 Sherman Cir.  
Newton Center, MA 02459-2767

CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

Loitman Grandchildrens Rev. Trust, hereby certifies as follows:  
(Print Name)

1. To the best of my knowledge, the following are all my transactions in Sonus Networks, Inc. during the period from June 3, 2003 through February 11, 2004 (the "Class Period"):

<u>Date</u>	<u>Purchased or Sold</u>	<u>No. of Shares</u>	<u>Price per Share</u>
1/8/04	Purchased	560	7.97

2. I have reviewed the complaint styled Robert Conte, et al. v. Sonus Networks, Inc., et al. If necessary, I authorize the filing of a similar complaint on my behalf.

3. I did not purchase or acquire the securities that are the subject of this action at the direction of counsel or in order to participate in this private action.

4. I am willing to serve as a representative party on behalf of the class, including providing testimony at deposition and trial, if necessary. I understand that the litigation is not settled, this is not a claim form, and sharing in any recovery is not dependent upon execution of this Certification.

5. During the last three years, I have not served or sought to serve as a class representative in any case brought under the federal securities laws.

6. I have not been promised and will not accept any payment for serving as a representative party on behalf of the class beyond my pro rata share of any recovery, except as ordered or approved by the court, including any award for reasonable costs and expenses (including lost wages) directly relating to the representation of the class.

I hereby certify under penalty of perjury that the foregoing is true and correct.

Dated: March 25, 2004

Loitman Grandchildrens Rev. Trust  
(Signature)

Jacob Sherman, Trustee

Mr. Jacob Sherman  
25 Shuman Cir.

Newton Center, MA 02459-2767

CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

BERNARD LOTTMAN Rev. Irving Trust, hereby certifies as follows:  
(Print Name)

1. To the best of my knowledge, the following are all my transactions in Sonus Networks, Inc. during the period from June 3, 2003 through February 11, 2004 (the "Class Period"):

<u>Date</u>	<u>Purchased or Sold</u>	<u>No. of Shares</u>	<u>Price per Share</u>
1/8/04	Purchased	2000	7.98

2. I have reviewed the complaint styled Robert Conte, et al. v. Sonus Networks, Inc., et al. If necessary, I authorize the filing of a similar complaint on my behalf.

3. I did not purchase or acquire the securities that are the subject of this action at the direction of counsel or in order to participate in this private action.

4. I am willing to serve as a representative party on behalf of the class, including providing testimony at deposition and trial, if necessary. I understand that the litigation is not settled, this is not a claim form, and sharing in any recovery is not dependent upon execution of this Certification.

5. During the last three years, I have not served or sought to serve as a class representative in any case brought under the federal securities laws.

6. I have not been promised and will not accept any payment for serving as a representative party on behalf of the class beyond my pro rata share of any recovery, except as ordered or approved by the court, including any award for reasonable costs and expenses (including lost wages) directly relating to the representation of the class.

I hereby certify under penalty of perjury that the foregoing is true and correct.

Dated: MARCH 25, 2004

Bernard Lottman Rev Irving Trust  
(Signature)

My Bernard Lottman TRUSTEE



Mr. Jacob L. Sherman  
25 Shuman Circle  
Newton Center, MA 02459

CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

CHARLOTTE LITMAN IRREV. TRUST, hereby certifies as follows:  
(Print Name)

1. To the best of my knowledge, the following are all my transactions in Sonus Networks, Inc. during the period from June 3, 2003 through February 11, 2004 (the "Class Period"):

<u>Date</u>	<u>Purchased or Sold</u>	<u>No. of Shares</u>	<u>Price per Share</u>
1/8/04	Purchased	1600	7.91
2/26/04	Sold	1500	5.59

2. I have reviewed the complaint styled Robert Conte, et al. v. Sonus Networks, Inc., et al. If necessary, I authorize the filing of a similar complaint on my behalf.

3. I did not purchase or acquire the securities that are the subject of this action at the direction of counsel or in order to participate in this private action.

4. I am willing to serve as a representative party on behalf of the class, including providing testimony at deposition and trial, if necessary. I understand that the litigation is not settled, this is not a claim form, and sharing in any recovery is not dependent upon execution of this Certification.

5. During the last three years, I have not served or sought to serve as a class representative in any case brought under the federal securities laws.

6. I have not been promised and will not accept any payment for serving as a representative party on behalf of the class beyond my pro rata share of any recovery, except as ordered or approved by the court, including any award for reasonable costs and expenses (including lost wages) directly relating to the representation of the class.

I hereby certify under penalty of perjury that the foregoing is true and correct.

Dated: March 25, 2004

Charlotte Litman Irrev. Trust  
(Signature)  
by Jacob L. Sherman TRUSTEE



Mr. Jacob L. Sherman  
25 Shuman Circle  
Newton Center, MA 02459

*Acceptor*

CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

SCOTT L. Dunkley, hereby certifies as follows:  
(Print Name)

1. To the best of my knowledge, the following are all my transactions in Sonus Networks, Inc. during the period from June 3, 2003 through February 11, 2004 (the "Class Period"):

Date      Purchased or Sold      No. of Shares      Price per Share

SEE ATTACHED STATEMENT

2. I have reviewed the complaint styled Robert Conte, et al. v. Sonus Networks, Inc., et al. If necessary, I authorize the filing of a similar complaint on my behalf.

3. I did not purchase or acquire the securities that are the subject of this action at the direction of counsel or in order to participate in this private action.

4. I am willing to serve as a representative party on behalf of the class, including providing testimony at deposition and trial, if necessary. I understand that the litigation is not settled, this is not a claim form, and sharing in any recovery is not dependent upon execution of this Certification.

5. During the last three years, I have not served or sought to serve as a class representative in any case brought under the federal securities laws.

6. I have not been promised and will not accept any payment for serving as a representative party on behalf of the class beyond my pro rata share of any recovery, except as ordered or approved by the court, including any award for reasonable costs and expenses (including lost wages) directly relating to the representation of the class.

I hereby certify under penalty of perjury that the foregoing is true and correct.

Dated: 3/18/2004, 2004

Scott L. Dunkley  
(Signature)

3026 W 12825 S  
Riverton, UT 84065  
801-302-5459

Post-it® Fax Note	7671	Date <u>3/18/04</u>	# of pages <u>►</u>
To	<u>Wells &amp; Yostman</u>	From	<u>Scott Dunkley</u>
Co./Dept.		Co.	
Phone #	<u>801</u>	Phone #	<u>801-523-5623</u>
Fax #	<u>212-682-3010</u>	Fax #	<u>801-523-0135</u>

Scott L. Dunkley  
Sonus Transactions between June 3, 2003 and February 11, 2004.

Date	Purchased or Sold	No. of Shares	Price Per Share
1/16/2004	Purchased	1500	8.4700
1/16/2004	Sold	1500	9.20
1/20/2004	Purchased	2000	9.6385
1/20/2004	Sold	2000	9.95
1/21/2004	Purchased	2500	8.8749
1/21/2004	Purchased	2500	8.8749
2/11/2004	Sold	2500	7.00
2/11/2004	Purchased	1000	6.8000

To join the Action as Lead plaintiff, complete the following Certification, sign it, and fax or mail it to:

Rabin, Murray & Frank LLP 275 Madison Avenue New York, NY 10016	Fax: _____	(212) 682-1892
	Tel: _____	(212) 682-1818
	Tel: _____	(800) 497-8076

### CERTIFICATION

I, ABDUL S. BUDHMANI, do hereby certify that:

I have reviewed the complaint and have authorized its filing.

I did not purchase securities of SORUS NETWORKS that are the subject of the complaint at the direction of my counsel or in order to participate in any private action arising under the Securities Act of 1933 or Securities Exchange Act of 1934, as amended by the Private Securities Litigation Reform Act of 1995.

I am willing to serve as a representative party on behalf of a class, including providing testimony at deposition and trial, if necessary.

During the Class Period, I engaged in the following transactions involving the securities of SORUS NETWORKS:

<u>TRANSACTION</u>	<u>TRADE DATE</u>	<u>NO. OF SHARES</u>	<u>PRICE/SHARE</u>
Purchased	11-11-03	3300	\$ 8.50
Purchased	11-11-03	400	\$ 8.4989
Purchased	11-11-03	200	\$ 8.499

I have sought to serve or served / neither sought to serve nor served (circle the one that applies) as a representative party on behalf of a class in an action brought under the federal securities laws that were filed during the three-year period preceding the date of this certification. If you have sought to serve or served as a representative party, please enter the case name(s) here:

I will not accept any payment for serving as a representative party on behalf of the Class beyond my pro rata share of any recovery, except such reasonable costs and expenses (including lost wages) directly relating to the representation of the Class and my activities in the lawsuit, as ordered or approved by the Court.

Nothing herein shall be construed to be or constitute a waiver of my attorney-client privilege.

I certify under penalty of perjury that the foregoing is true and correct.

Executed on 03/29/2004.

Signature Abdul S. Budhmani

Address 6301 N. Sheridan Rd. #17-B

Chicago IL 60660

County Cook

Phone 773-743-0965

### CERTIFICATION FORM ATTACHMENT

<u>TRANSACTION (BUY OR SELL)</u>	<u>TRADE DATE</u>	<u>NO. OF SHARES</u>	<u>PRICE PER SHARE</u>
Purchased	11-11-03	1900	\$ 8.51
Purchased	11-11-03	700	\$ 8.49

To join the Action as Lead plaintiff, complete the following Certification, sign it, and fax or mail it to:

Rabin, Murray & Frank LLP Fax: (212) 682-1892  
275 Madison Avenue Tel: (212) 682-1818  
New York, NY 10016 Tel: (800) 497-8076

**CERTIFICATION**

I, JEAN P. McCarthy, do hereby certify that:

I have reviewed the complaint and have authorized its filing.

I did not purchase securities of SONS that are the subject of the complaint at the direction of my counsel or in order to participate in any private action arising under the Securities Act of 1933 or Securities Exchange Act of 1934, as amended by the Private Securities Litigation Reform Act of 1995.

I am willing to serve as a representative party on behalf of a class, including providing testimony at deposition and trial if necessary

During the Class Period, I engaged in the following transactions involving the securities of SONS:

<u>TRANSACTION</u>	<u>TRADE DATE</u>	<u>NO. OF SHARES</u>	<u>PRICE/SHARE</u>
Buy	7-29-03	72.00	\$ 7.27
Buy	1-12-04	3,168.00	\$ 8.02

I have sought to serve or served / neither sought to serve nor served (circle the one that applies) as a representative party on behalf of a class in an action brought under the federal securities laws that were filed during the three-year period preceding the date of this certification. If you have sought to serve or served as a representative party, please enter the case name(s) here:

I will not accept any payment for serving as a representative party on behalf of the Class beyond my pro rata share of any recovery, except such reasonable costs and expenses (including lost wages) directly relating to the representation of the Class and my activities in the lawsuit, as ordered or approved by the Court.

Nothing herein shall be construed to be or constitute a waiver of my attorney-client privilege.

I certify under penalty of perjury that the foregoing is true and correct.

Executed on 02/17/2003.

Signature Jean P. McCarthy

Address 1415 VICTORIA St Apt 1415

HONOLULU, HAWAII 96822

County HONOLULU

Phone 808-349-7064